

Sneak Preview 76

A Bridge City Founder's Circle Publication



Dear Woodworker;

The shoulder plane is one of the most essential planes in your shop—it will quickly and accurately allow you to make gallery-quality joints. We are pleased to share with you our new design of this very important plane—*please meet the **HP-7 Shoulder Plane**...*

Craftsmanship almost always depends upon having the right tool at the right time. As a member of the rabbet (or rebate) plane family, shoulder planes are designed to cut both face and end grain, making this plane uniquely suited for constructing perfect mortise and tenon joints, rabbet joints, chamfers, cleaning the bottom of dado joints and for use as a narrow, general purpose edge plane.

The Design

As you can see, our HP-7 Shoulder Plane looks and works differently than historically-based designs. The milled finger grips on each side of the body and the polished stainless steel dual-use rear handle, allows the HP-7 Shoulder Plane to work equally well upright or when used on either side (also known as shooting). (Fig A and B).

Another unique feature of the HP-7 Shoulder plane is that *no additional tools are needed to adjust the mouth, iron depth, or to lock the iron in place*. Recessed into the body of the HP-7 are two adjusting wheels: one tightens the adjustable front throat and the other modifies iron depth. Perhaps the most unique feature of the HP-7 is the ergonomic rear portion of the plane which not only comfortably fits your pushing hand, but toggles upward for quick, one-handed iron depth adjustments. (Fig C)

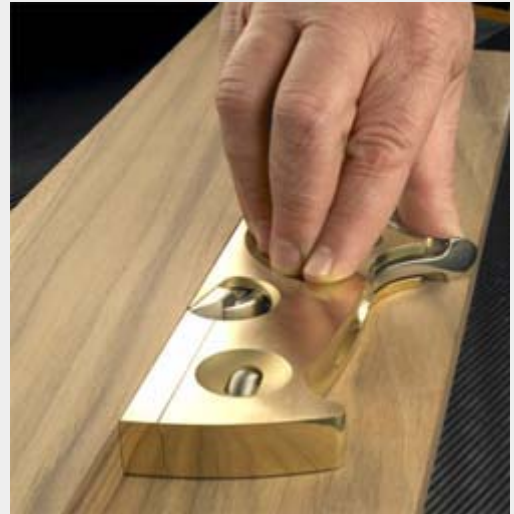


Figure A



Figure B



Figure C: The ergonomic rear portion of the plane toggles upward for quick adjustments

The Iron & Adjustor

Like all well-designed shoulder planes, our A2 tool steel iron (Rc 60-62) is .005"-.008" wider than the plane body. This allows for incredibly clean corners and creates light-tight joinery, a hallmark of heirloom-quality work. In addition, the .225" thickness of the iron is of great benefit when cutting end-grain as the additional mass offers significant vibration dampening benefits. The iron is bedded bevel up at 15°, and features a 25° primary bevel and a 2° secondary bevel for an inclusive attack angle of 42°. The working width of the iron is approximately .738".

One full revolution of the depth adjustor will increase/decrease shaving thickness by .008", allowing for very easy minute shaving thickness adjustments (.0005"-.001").

The Body

The solid brass body of the HP-7 is milled from a seven-pound billet and features a beautifully polished perimeter and a polished stainless steel locking handle. The recession of the two adjusting wheels allows you to smoothly "shoot" the HP-7 on either side and the curved finger recesses allow for a comfortable and secure grip regardless if used upright or horizontal. The length of the HP-7 sole is 7.5" and the overall length is 8.5". The sole is perpendicular to both sides, a must for a quality shoulder plane. This beautiful plane works equally well for both right- and left-handed woodworkers.

The Adjustable Mouth

The HP-7 features a sliding front sole that easily and quickly allows minute mouth adjustments—an important consideration for producing fine shavings, clearing the throat or removing the iron for sharpening.

Tips

To remove the iron for sharpening, the front throat slides forward and the iron is released by lightly wedging either ring finger between the body and the rear handle. This quick action "unlocks" the iron from the body (both the clamping mechanism and the handle pivot upward), creating plenty of room to disengage the iron from the lead screw thumb nut. This unique feature makes the HP-7 the

fastest shoulder plane we have ever used and is a handy feature for an iron that is frequently called upon to shear end-grain. We encourage you to give it a try—we are confident you will be thrilled with the results!



Our Offer

The HP-7 Shoulder Plane is a limited-edition Signature Series production run, signed by the tool designer, John Economaki.

The HP-7 retails for \$589. Our special introductory offer of \$539 (Founder's Club Members \$509) expires November 28th, 2006! A 50% deposit ensures you won't miss out on this special offer! Don't delay, order today!



Easy Pay Option: 6 Credit Card Installments plus S&H
Available Upon Request